

AMENDMENTS TO THE SPECIFICATION

Please replace the abstract with the following amended abstract:

This invention is directed to Methods of predicting bone or joint disease in a subject are presented. The invention is also directed to The method may include determining one or more micro-structural parameters, one or more macroanatomical parameters or biomechanical parameters of a joint in the subject. At least two of the parameters are combined to predict the risk of bone or articular disease. Additionally, methods of determining the effect of a candidate agent on any subject's risk of developing bone or joint disease are presented.